

U.S. Serial No. 08/480,850

Filed June 7, 1995

Proposed Amendments to Claims

8. (four times amended) Pure recombinant herpes simplex virus gG-2 antigen produced by employing a recombinant baculovirus having [the 5' nontranslated leader sequence of the polyhedrin gene joined to the coding region of a foreign gene precisely at the translation initiation codon of the polyhedrin gene, without either missing any nucleotide present in said initiation codon or introducing any extraneous nucleotide at the initiation codon site,] a nontranslated polyhedrin gene leader sequence CTATAAAT joined to the 5' end of a polyhedrin gene translation initiation codon ATG, and having the polyhedrin gene translation initiation codon ATG joined to the 5' end of the coding region of a foreign gene, without any extraneous nucleotide between the 5' end of the nontranslated polyhedrin gene leader sequence CTATAAAT, the polyhedrin gene translation initiation codon ATG and the 5' end of the coding region of a foreign gene, wherein said foreign gene is herpes simplex virus type 2 glycoprotein gene.

16. (thrice amended) A composition comprising pure recombinant baculovirus expressed herpes simplex virus gG-1 antigen or herpes simplex virus gG-2 antigen in a pharmaceutically acceptable carrier, wherein the recombinant baculovirus has a nontranslated polyhedrin gene leader sequence CTATAAAT joined to the 5' end of a polyhedrin gene translation initiation codon ATG, and has the polyhedrin gene translation initiation codon ATG joined to the 5' end of the coding region of the herpes simplex virus type 1 glycoprotein gene or the herpes simplex virus type 2 glycoprotein gene, without any extraneous nucleotide between the 5' end of the nontranslated polyhedrin gene leader sequence CTATAAAT, the polyhedrin gene translation initiation codon ATG and the 5' end of the coding region of the herpes simplex virus type 1 glycoprotein gene or the herpes simplex virus type 2 glycoprotein gene.

17. (Cancelled) The composition of Claim 16, wherein the recombinant baculovirus has the 5' nontranslated leader sequence of the polyhedrin gene joined to the coding region of a herpes simplex virus type 1 or type 2 glycoprotein gene precisely at the translation initiation codon of the polyhedrin gene, without either missing any nucleotide present in the initiation codon or introducing any extraneous nucleotide at the initiation codon site.

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18. The composition of Claim 16, wherein the recombinant herpes simplex virus gG-1 antigen has a molecular weight selected from the group consisting of approximately 42 kDa, 43 kDa, and combinations thereof.
19. The composition of Claim 16, wherein the recombinant herpes simplex virus gG-2 antigen has a molecular weight selected from the group consisting of approximately 107 kDa, 118 kDa, 128 kDa, 143 kDa, and combinations thereof.
20. The composition of Claim 7, wherein the recombinant herpes simplex virus gG-1 antigen has a molecular weight selected from the group consisting of approximately 42 kDa, 43 kDa, and combinations thereof.
21. The composition of Claim 8, wherein the recombinant herpes simplex virus gG-2 antigen has a molecular weight selected from the group consisting of approximately 107 kDa, 118 kDa, 128 kDa, 143 kDa, and combinations thereof.